

ABSTRACT

The invention shows that 12-oxo-phytodienoic acid, coronatine, 6-azido-1-oxo-indanoyl isoleucine and related compounds arrest growth and induce cell death of exponentially proliferating cancer cells and malignant B-cell lymphoma cell lines in a 5 dose dependant manner. It appears that the compounds of the present invention are not toxic to cancer cells but rather irreversibly effect cell growth, differentiation and the interaction between the cancer cell and the extracellular matrix.